

26 JAN 1981

MEMORANDUM FOR: Director of Logistics

STAT

FROM:

Chief, Plans and Programs Staff, OL

SUBJECT: 1980 Energy Conservation Accomplishments

1. In the past, overlapping and duplicate energy conservation directives received from the Department of Energy (DOE), General Services Administration (GSA), the "656 Committee," or requested by Executive Order, caused confusion. The attachment summarizes the actions taken by the Office of Logistics over the past year in response to these requirements.

2. Presently, as we understand it, energy reporting is now more organized and orderly. Apparently there are two annual reports we must submit, an annual plan and a 10-year plan. We are now compiling the data necessary for both plans. The 10-year plan is quite involved, requiring:

Executive Summary

- ° Agency mission
- ° Goals and Objectives - summarize energy savings, costs and benefits to be achieved
- ° Organizational chart for energy management
- ° Schedule for completion of requirements
- ° Identification of significant problems

Text

- ° Goals and Objectives Section - related to primary mission goals
- ° Investment Section - Planned investment program by FY
- ° Organization Section - designation of principal coordinator, point of contact

OL 1 0329

SUBJECT: 1980 Energy Conservation Accomplishments

Text - continued

- ° Issues Section - addressing problems, alternate courses of action, recommendations
- ° Implementing Instructions Section - Summary of internal procedures, task milestones
- ° Emergency Conservation Plan Summary Section - 10%, 15%, and 20% reduction plans
- ° Appendices

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Attachment:

Agency Energy Conservation Accomplishments

ROUTING AND TRANSMITTAL SLIP		Date	
		7 Jan 81	
TO: (Name, office symbol, room number, building, Agency/Post)		Initials	Date
1.	C/HEB/RECD/OL	e	7/1/81
2.	DC/RECD/OL		
3.	C/RECD/OL		
4.	Deputy Director of Logistics		
5.			
Action	File	Note and Return	
Approval	For Clearance	Per Conversation	
As Requested	For Correction	Prepare Reply	
Circulate	For Your Information	See Me	
Comment	Investigate	Signature	
Coordination	Justify		
REMARKS			

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)	Room No.—Bldg.
C/HEB/RECD/OL	3E24 HQ
	Phone No.

5041-102

☆ U. S. GPO: 1978-0-261-647-3354

OPTIONAL FORM 41 (Rev. 7-76)
Prescribed by GSA
FPMR (41 CFR) 101-11.206

ADMINISTRATIVE - INTERNAL USE ONLY

MEMORANDUM FOR: Deputy Director of Logistics

VIA:

Chief, Real Estate & Construction Division, OL

FROM:

Chief, Headquarters Engineering Branch,
RECD/OL

SUBJECT: Estimated Energy Saving by Securing Domestic
Hot Water Service, Headquarters Building

1. Regarding your inquiry to the Logistics Services Division concerning the savings that would accrue to the General Services Administration (GSA) because domestic hot water service has been stopped, the following calculations are provided.

2. The energy standards have set the temperature of domestic hot water at the 105° F level. During the summer, the ambient water temperature averaged about 70° F while the winter ambient is now about 45° F. Assume that each of 7500 individuals use two quarts of hot water twice a day to wash their hands. Assume also that fuel oil costs \$1.00 per gallon. Using an effective thermal rating, which includes system efficiencies, of 102,000 BTU's per gallon the following summer and winter daily costs are computed.

$$\frac{(7500)(.5 \text{ gal})(2 \text{ occ.})(8.33\#/gal)(105^{\circ}-70^{\circ})(\$1.00)}{102,000 \text{ BTU/gal}} = \$21.44$$

$$\frac{(7500)(.5 \text{ gal})(2 \text{ occ.})(8.33\#/gal)(105^{\circ}-45^{\circ})(\$1.00)}{102,000 \text{ BTU/gal}} = \$36.75$$

For a month of 21 working days the cost ranges seasonally from \$450 to \$770 per month. There is also another saving in the total amount of water used because the use of only cold water discourages washing but this cost is considered negligible.

4. Informally, GSA has indicated that their calculations assume that an individual uses three gallons of hot water per day instead of the 1 gallon used in the above calculations. Using that assumption results in a savings range of \$1350 to \$2310 per month.

ADMINISTRATIVE - INTERNAL USE ONLY

AEO/OL DB 29 JAN 1981
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SENDER WILL CHECK CLASSIFICATION TOP AND BOTTOM			
<input checked="" type="checkbox"/>	UNCLASSIFIED	<input type="checkbox"/>	CONFIDENTIAL
<input type="checkbox"/>		<input type="checkbox"/>	SECRET
OFFICIAL ROUTING SLIP			
TO	NAME AND ADDRESS	DATE	INITIALS
1	D/L	12 JAN 1981	
2			
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4	EO/OL		
5			
6			
ACTION		DIRECT REPLY	PREPARE REPLY
APPROVAL		DISPATCH	RECOMMENDATION
COMMENT		FILE	RETURN
CONCURRENCE		INFORMATION	SIGNATURE
Remarks: <div style="border: 1px solid black; padding: 5px; min-height: 100px;"> <p>[] gave this memo to me 9 Jan.</p> <p>Do you feel CIA should request relief from ^{the} hot water ban because of insignificant energy and dollar savings?</p> <p>I suggest we let the "Regan Team" take charge and first see if they kill the ban.</p> </div>			
FOLD HERE TO RETURN TO SENDER			
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[]			12 Jan 81
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